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In re: Application of
Joseph A. Zierolf
Serial No. 09/286,650
Filed: April 8, 1999Art Unit 2635
Examiner: Albert K. Wong

Docket No. 200099 USA

Batch No. A54

For: METHOD AND APPARATUS FOR DETERMINING POSITION IN A PIPE

Transmitted herewith is the following document:

1) Informal submission of a copy of Form PTO-1449 (1 sheet) considered on 06/27/00.

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Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
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(Use several sheets if necessary)

APPLICANT
ZIEROLF, JOSEPH A.FILING DATE
HEREWITHGROUP
UNASSIGNED

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	DATE	NAME	CLASS	SUBCLASS	FILING DATE if appropriate
AW	4,572,293	02-1986	WILSON, James G. et al.	166	250.01	
	4,630,044	12-1986	POLZER, Rudolf	340	825.22	
	4,808,925	02-1989	BAIRD, Gary K.	324	221	
	5,279,366	01-1994	SCHOLES, Patrick L.	166	254.2	
	5,361,838	11-1994	KILGORE, Marion D.	166	254.2	
	5,457,447	10-1995	GHAEM, Sanjar et al.	340	10.42	
	5,497,140	03-1996	TUTTLE, John R.	340	10.1	
	5,626,192	05-1997	CONNELL, Michael L. et al.	166	255.1	
	5,720,345	02-1998	PRICE, Timothy M. et al.	166	254.2	

FOREIGN PATENT DOCUMENTS

	Document Number	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
AW	13,494	07-1980	EUROPE			
	412,535	05-1994	EUROPE			
	651,132	05-1995	EUROPE			
	730,083	02-1996	EUROPE			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

AW

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.